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9/18/01
JC997 U.S. PTO
09/902855
07/12/01

Case K 182

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Wolfgang Eppler et al

Title: DIGITAL ELECTRONIC METHOD FOR INCREASING THE
CALCULATION ACCURACY IN NON-LINEAR FUNCTIONS AND
HARDWARE ARCHTECTURE FOR CARRYING OUT SAID METHOD

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

July 9, 2001

SIR:

INFORMATION DISCLOSURE STATEMENT - SECTION 1.97(b)

Under the provisions of 37 C.F.R. Section 1.56, and in accordance with 37 C.F.R. Sections 1.97 and 1.98, applicants' representative hereby submits US Patent & Trademark Office Form PTO-1449. Copies of the references cited therein are submitted for consideration in the examination of the above-referenced patent application. It is respectfully requested that they be made of record, along with whatever references the Examiner may find in the course of a search, should the Examiner consider them material to the subject application.

This Statement is hereby submitted under Section 1.97(b) since it is being submitted concurrently with the filing of the above-referenced application.

The references are discussed in the introductory part of the application.

The first reference, which was marked "X" in the International Search Report and which is considered to be the most pertinent reference, has been considered in the Preliminary Examination report (see enclosed translation).

The references do not disclose that in a digital electronic method for increasing the calculation accuracy in non-linear functions and a system for performing the method,

wherein an input format has a strictly defined word but the fixed point may be at different locations, the values are so processed that the accuracy of the calculations and also the calculation speed are substantially increased.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'K. Bach'.

Klaus J. Bach, Reg. No.: 26832

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. K 182		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Wolfgang Eppler et al.			
(Use several sheets if necessary)				FILING DATE		GROUP	

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U.S. PATENT DOCUMENTS							
EX. IN.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
WO 95/02861	01/26/95	PCT			x		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
			Fischer, "OPTIMIERTE IMPLEMENTIERUNG NEURONALER STRUKTUREN IN HARDWARE", 1/99, Forschungszentrum Karlsruhe, Wissenschaftliche Berichte, FZKA 6251, pages 70 - 75.
			"EFFICIENT EVALUATION OF X**N FOR LIGHTING CALCULATIONS", IBM TECHNICAL DISCLOSURE BULLETIN, US, IBM Corp. New York, Vol. 36, No. 9B, 09/01/93, pages 131 - 138

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.